

INTERNATIONAL SEARCH REPORT

International Application No

T/IT2004/000378

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B21C47/04 B21C47/18 B21C47/26 B21B1/46

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 B21C B21B C21D

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	"ISP - THIN SLAB CHALLENGE TO NUCOR" STEEL TIMES, FUEL & METALLURGICAL JOURNALS LTD. LONDON, GB, vol. 221, no. 10, 1 October 1993 (1993-10-01), pages 416,418-419, XP000407075 ISSN: 0039-095X the whole document	1-3,6
A	US 4 630 352 A (GINZBURG VLADIMIR B ET AL) 23 December 1986 (1986-12-23) column 1, line 47 - column 2, line 3 column 2, line 63 - column 3, line 9; figure 1 ----- -/--	1,6



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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- *A* document defining the general state of the art which is not considered to be of particular relevance
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- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
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Date of the actual completion of the international search

27 October 2004

Date of mailing of the international search report

05/11/2004

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INTERNATIONAL SEARCH REPORT

national Application No
T/IT2004/000378

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
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A	WO 96/32509 A (VOEST ALPINE IND ANLAGEN ; MOSER FRIEDRICH (AT)) 17 October 1996 (1996-10-17) cited in the application page 2, paragraph 4 - page 3, paragraph 2; claims 1,11; figure 1 -----	1,6
A	DE 40 13 582 C (MANNESMANN AG) 11 July 1991 (1991-07-11) cited in the application the whole document -----	1
A	US 5 195 344 A (MASUDA SADAKAZU ET AL) 23 March 1993 (1993-03-23) column 2, line 51 - column 3, line 56; figure 1 -----	1,6
A	DATABASE WPI Derwent Publications Ltd., London, GB; AN 1986-211068 XP002302848 & SU 1 202 653 A (INST CHERNOI METALLURGII) 7 January 1986 (1986-01-07) abstract -----	1,6
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A	DE 85 36 151 U (BERGISCHE STAHL-INDUSTRIE) 20 February 1986 (1986-02-20) figure 1 -----	4,5
A	US 4 630 785 A (LANGEDER RUDOLF ET AL) 23 December 1986 (1986-12-23) figures 1,2 -----	4,5
A	DE 30 00 638 A (MECANARBED SA) 31 July 1980 (1980-07-31) page 6, paragraph 3; claim 1 -----	7
A	US 5 690 485 A (MANGHAM WILLIAM J ET AL) 25 November 1997 (1997-11-25) column 1, line 49 - column 2, line 46 -----	7

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Information on patent family members

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